

Date: Tue, 26 Jul 94 17:40:14 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #843
To: Info-Hams

Info-Hams Digest Tue, 26 Jul 94 Volume 94 : Issue 843

Today's Topics:

 Ampr/Internet
 ARLB064 FCC call sign update
 ARRL Digital Conf Update 7/22
Did CB's used to require licenses? (2 msgs)
 Elmers, please read (Re: CW)
 How to calc Locator code
 how to get a reciprocal license
 Kenwood TS-520S
 Lead-calcium batteries
 sock sizes
 xNOS for FreeBSD 1.1??

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 25 Jul 94 18:26:48 -0700
From: ihnp4.ucsd.edu!news.cerf.net!gopher.sdsc.edu!nic-nac.CSU.net!
charnel.ecst.csuchico.edu!csusac!csus.edu!netcom.com!netcomsv!lavc!
lou.meiss@network.ucsd.edu
Subject: Ampr/Internet
To: info-hams@ucsd.edu

As written by NEWS on 07-25-94 to ALL

> From: jdelancy@tecnet1.jcte.jcs.mil
> Newsgroups: rec.radio.amateur.misc
> Subject: Ampr/Internet

> Date: 24 Jul 94 03:43:29 GMT
> Organization: ucsd usenet gateway

> Somewhere I read or heard about IP 44.102.48.2 in or near
> detroit being available from internet telnet and a conference bridge
> style operation. What I dont remember is that there was
> a port number associated with it, something like 3000.

> Can someone fill the blanks in my feeble memory?

> jd

Usually if you just *telnet* to the station and then type *conv* after logging on, you will be connected to the *converse bridge*. I have no idea if he might have it set up differently, but that's the way the guys do it out here in So. CA.

Good luck & TTYL,

Date: Mon, 25 Jul 1994 17:32:58 MDT
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!scipio.cyberstore.ca!
vanbc.wimsey.com!unixg.ubc.ca!quartz.ucs.ualberta.ca!alberta!ve6mgs!
usenet@network.ucsd.edu
Subject: ARLB064 FCC call sign update
To: info-hams@ucsd.edu

SB QST @ ARL \$ARLB064
ARLB064 FCC call sign update

ZCZC AG29
QST de W1AW
ARRL Bulletin 64 ARLB064
>From ARRL Headquarters
Newington CT July 25, 1994
To all radio amateurs

SB QST ARL ARLB064
ARLB064 FCC call sign update

FCC ISSUED CALL SIGN UPDATE

The following is a list of the FCC's most recently issued call signs as of July 1.

District	Group A Extra	Group B Advanced	Group C Tech/Gen	Group D Novice
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0	AA0RE	KG0NM	++	KB0NHL
1	AA1JH	KD1VH	N1SCZ	KB1BIG
2	AA2SM	KF2VW	N2ZDJ	KB2QZR
3	AA3HY	KE3NH	N3SFO	KB3BCL
4	AD4SV	KR4TT	++	KE4MXM
5	AB5UN	KJ5YG	++	KC5HFC
6	AC6CT	K06DF	++	KE6IFY
7	AB7CQ	KI7ZD	++	KC7DBL
8	AA8OZ	KG8JG	++	KB8TAT
9	AA9KY	KF9WC	N9XGH	KB9IYT
N. Mariana	KH0D	AH0AS	KH0CS	WH0AAY
Guam	WH2E	AH2CU	KH2JW	WH2ANK
Midway	++	AH4AB	KH4AG	WH4AAH
Hawaii	++	AH6NI	WH6UZ	WH6CRG
Amer. Samoa	AH8J	AH8AG	KH8BF	WH8ABB
Alaska	++	AL7PQ	WL7ST	WL7CHQ
Virgin	WP2N	KP2CC	NP2HM	WP2AHU
Puerto Rico	++	KP4WW	++	WP4MPP

++All call signs in this group have been issued in this area.

NNNN

/EX

Date: 22 Jul 94 19:23:07 CST
 From: elroy.jpl.nasa.gov!lll-winken.llnl.gov!uwm.edu!src.honeywell.com!The-
 Star.honeywell.com!centurio.mavd.honeywell.com!skyler.mavd.honeywell.com!
 estey@ames.arpa
 Subject: ARRL Digital Conf Update 7/22
 To: info-hams@ucsd.edu

ARRL 13th ANNUAL DIGITAL COMMUNICATIONS CONFERENCE AUGUST 19-21

Do you operate a Digital mode (maybe Pactor, Packet, GTOR or AMTOR) now?
 Do you find it difficult to keep up with the latest Digital technology?
 Would you like to know more about Digital modes?
 If you answered "yes" to any of these questions, then you should attend the
 13th Annual ARRL Digital Communications Conference. Read on ...

The Conference will be held on August 19 - 21, 1994 at the Thunderbird
 Convention Center, 2201 East 78th Street in Bloomington, Minnesota.
 Accomodations are available at the adjacent Thunderbird Hotel, at the many
 Hotels and Motels located within a short distance, and also at several area
 RV\camper campgrounds.

Enjoy a weekend of fun learning about the latest developments in TCP/IP,

PACTOR, AMTOR, PACTOR-II, CLOVER, G-TOR, PACKET, DSP, and imaging. Participate in the nine forums about DSP, new HF modes, TCP/IP, VHF/UHF networking, BBS SYSOP issues and more. A glance at the program (attached) will show many forums that will catch your interest!

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*****
*                               *** NEWS FLASH ***                               *
*                                                                                   *
*               BEGINNER'S FORUM ADDED TO FRIDAY CONFERENCE AGENDA               *
* If you are a newcomer to Digital Communications and feel somewhat               *
* intimidated by all of the technical "jargon", then the Friday Evening          *
* Beginner's Forum is just the thing for you. Veteran instructor John           *
* Kaplan, WR0W, will present a "crash" course from 7-9:30 PM to help you         *
* feel more comfortable in the Saturday technical forums and discussions.        *
* There is no extra cost for this forum - its included in the main                *
* registration fee. Space is limited so register now!                           *
*****
```

One of the highlights of the conference will be the presentation of 18 technical papers on the many aspects of digital communications throughout the day on Saturday. A list of papers is attached. You will receive a copy of all papers presented.

Many demonstrations of the latest in hardware and software will be presented. When you leave, you will have an in-depth understanding of the latest digital communications advancements and techniques. The Saturday evening Technical Showcase will feature TAPR Special Interest Group meetings for BBS SYSOPs and on VHF/UHF network building and a nearly-mathless presentation of the design and implementation of DSP software for a high-performance HF DSP modem based on the \$99 TI DSK DSP evaluation module by Johan Forrer, KC7WW.

The Hospitality Room will provide the place to meet old friends ... and make new ones. At the Saturday luncheon you will get to know "who's who" in digital communications. Meet the Engineering staff of manufacturers like Kantronics and Timewave Technologies. The optional Saturday evening diner will provide another opportunity to make new friends.

If you want a break from the Conference, the Mall of America, with hundreds of unique stores, is located within easy walking distance. Your family will enjoy Knott's Camp Snoopy theme park inside the Mall. The renowned Minnesota Zoo is only a short drive away.

The Conference registration fee is \$45 per person, which includes admission to all Conference activities, a luncheon buffet and a copy of the technical papers. An optional Saturday evening buffet is \$20 per person additional. Registration deadline is August 12th.

For more information about the Conference or special Airline and Motel

discounts call or write:

ARRL Digital Communications Conference
C/O Paul Ramey W00G
16266 Finland Avenue
Rosemount, MN 55068
Packet: W00G@WA0CQG.#MSP.MN.USA.NA
Telephone: (612) 432-1640
Internet: PRAMEY@RAM.NET

The host organization for the 1994 ARRL Digital Communications Conference is the TwinsLAN Amateur Radio Club.

See YOU at the Digital Communications Conference August 19-21!

13th ANNUAL ARRL DIGITAL COMMUNICATIONS CONFERENCE
PRELIMINARY PROGRAM

Friday, August 19

TIME	ROOM	EVENT
Noon - 6	PM	TBD ARRL "Future Modes" Committee meeting.
Noon - 6	PM	TBD ARRL "219-MHz" Committee meeting.
4 - 10	PM	Menominee Conference check-in.
6 PM - 11	PM	Menominee Hospitality & Demo area open

Saturday, August 20

TIME	ROOM	EVENT
6:30 -	Noon	Menominee Hospitality & Demo area open
7:00 -	Noon	Menominee Conference Check-in.
8:00 -	8:15 AM Miami	Conference "Welcome"
8:30 -	10:00 AM Miami	Technical Paper Presentation
8:30 -	10:00 AM Yakima	Forum - Developments in DSP For the Amateur.
8:30 -	10:00 AM Shoshone	Forum - TCP/IP - What's next?
10:00 -	10:15 AM All	Break
10:15 -	11:45 AM Miami	Technical Paper Presentation
10:15 -	11:45 AM Yakima	Forum - ARRL Committee Updates: "Future Modes": Moderator - Paul Rinaldo W4RI and "219-MHz Networking": Moderator - Tod Olson K0T0"
10:15 -	11:45 AM Shoshone	Forum - Digital Data (Voice and Image) Transmission Method Developments.
11:45 -	Noon AM All	Break
Noon -	1:00 PM Miami	Buffet Luncheon (Included)

1:00 - 5:30 PM Menominee Hospitality & Demo area open
 1:15 - 2:45 PM Miami Technical Paper Presentation
 1:15 - 2:45 PM Yakima Forum - High-Speed (above
 1200 baud) data transfer
 methods and networking
 techniques.
 1:15 - 2:45 PM Shoshone Forum - HF Data Transmission
 Methods - An Over-view of
 Current Modes and What's
 Coming Next.
 2:45 - 3:00 PM All Break
 3:00 - 4:30 PM All Continuation of all sessions
 5:30 - 6:30 PM Miami Buffet Diner (Optional)
 7:00 - 11:00 PM Menominee Hospitality & Demo area open
 7:00 - 10:00 PM Miami Tucson Amateur Packet Radio
 (TAPR) Presents Special
 Interest Groups:
 - Packet BBS SYSOPs
 - VHF/UHF Network Building
 7:00 - 10:00 PM Yakima American Digital Radio
 Society (ADRS)presents a
 technical presentation:
 "A Low Cost DSP Modem for HF Digital
 Experimentation" by
 Johan Forrer, KC7WW

Sunday, August 21

TIME	ROOM	EVENT
8:30 -	Noon	Menominee Hospitality & Demo area open
10:00 -	11:00	Menominee Conference wrap-up and close.

13th ARRL Digital Communications Conference Proceedings

1. A Proposal for a Standard Digital Radio Interface
Written by Jeffrey Austen, K9JA
2. Automatic Packet Reporting System (APRS)
Written by Bob Bruninga, WB4APR; Presented by Gwyn Reedy, W1BEL
3. Broadcast, UI and un-connected protocols-the future of Amateur Packet
Radio?
Written and Presented by Paul Evans, W4/G4BKI
4. Packet, GPS, APRS and the Future
Written and Presented by Paul Evans, W4/G4BKI

5. Computer Networks in Africa: From Utopian Discourse to Working Reality
Written by Iain Cook
6. A Low Cost DSP Modem for HF Digital Experimentation
Written and Presented by Johan Forrer, KC7WW
7. G-TOR: The Protocol
Written by Mike Huslig, Phil Anderson, Karl Medcalf and Glenn Prescott
Presented by Karl Medcalf and Mike Huslig.
8. GMON-a G-TOR Monitoring Program for PC Compatibles
Written by Richard Huslig and Phil Anderson, W0XI; Presented by Phil Anderson.
9. A Theoretical Evaluation of the G-TOR Hybrid ARQ Protocol
Written by Glenn E. Prescott, WB0SKX, And Phil Anderson, W0XI;
Presented by Glenn Prescott
10. On Fractal Compression of Images for Narrowband Channels and Storage
W. Kinsner, VE4WK
11. Fast CELP Algorithm and Implementation for Speech Compression
A. Langi, VE4ARM, W. Grieder, VE4WSG, and W. Kinsner, VE4WK
12. Wavelet Compression for Image Transmission Through Bandlimited Channels
A. Langi, VE4ARM, and W. Kinsner, VE4WK
13. ROSE X.25 Packet Switch Status Update
Thomas A. Moulton, W2VY
14. A Primer on Reliability as Applied to Amateur Radio Packet Networks
T.C. McDermott, N5EG
15. FSK Modem with Scalable Baud Rate
Wolf-Henning Rech, N1EOW, and Gunter Jost, KD7WJ
16. MacAPRS: Mac Automatic Packet Reporting System-A Macintosh Version of APRS
Keith Sproul, WU2Z, and Mark Sproul, KB2ICI
17. Formation of the TAPR Bulletin Board System Special Interest Group
David A. Wolf, W05H
18. How Amateur Radio Operators Can Emulate an HF ALE Radio
David R. Wortendyke, N0WGC
19. A Preview of HF Packet Radio Modem Protocol Performance
Teresa Young, Stephen Rieman, David Wortendyke, N0WGC

Rev. 7/22/94

Carl Estey | Home Mail Address: 276 Walnut Lane
Amateur Callsign: WA0CQG | Apple Valley, MN 55124
| Business Address: Honeywell Inc.
Phone: Work (612) 954-7630 | Flight Systems & Test Operations M/S MN15-2370
FAX (612) 954-7495 | 1625 Zarthan Ave. S., St. Louis Park, MN 55416
Home (612) 432-0699 | Packet: WA0CQG @ WA0CQG.#MSP.MN.USA.NA
The nonsense here is of my own making - no one else would want credit!

Date: Mon, 25 Jul 94 23:48:44 GMT
From: netcomsv!butch!enterprise!news@decwrl.dec.com
Subject: Did CB's used to require licenses?
To: info-hams@ucsd.edu

In article <fkilpatr.775148334@afit.af.mil>, fkilpatr@afit.af.mil (Freeman A. Kilpatrick) writes:

|> I'm almost ashamed to admit it, but when I was about 10 (1975), I
|> had a CB license and a little CB base station. I remember at that
|> time that I had a CB license, but I don't remember if they were
|> actually *required* or not. It seems like the CB bands were fairly
|> well-behaved (politeness-wise) at that time, but it sounds like
|> they are pretty chaotic now (I haven't listened since 75). This
|> brings up the following question:
|>
|> Why are the Ham bands more polite and well-behaved than the CB bands?
|> Is it
|> A) The Ham license requirements force people to learn rules and
|> require a greater commitment
|> B) The type of people who tend to use CB's are just "different" :)
|> C) The Ham's set a better example than the CB'ers.
|> D) The Ham's know they are accountable for their actions via their
|> registered licenses, so they behave.
|> E) ?
|>
|> I would be interested in hearing anyone's thoughts on this. I'm not
|> trying to start a CB vs Ham flame war, I'm just trying to learn the
|> real effect of requiring licenses vs not requiring them.

Yes, CB required licenses until the late 70's or early 80's. Calls took the form of "KAB1234" or "KABC1234". In the late 70's the CB fad took off, as did the number of obnoxious operators (prior to that the CB band sounded more or less like 2m does today!) The FCC finally threw up their hands and stopped regulating CB completely, except where CBers interfered with other services.

The ham bands are more polite (in most cases) because hams tend to be self-policing. If someone steps outside the rules, they find out about it fast. On the CB band, the rule-breakers outnumber those who would police them. Unlicensed operators stand out like a sore thumb on ham bands and are rebuked quickly.

It also might have something to do with the fact that new entry-level ham gear costs 4 times as much as entry level CB gear.

George Lyle, N7TNJ

Date: Tue, 26 Jul 1994 02:19:03 GMT
From: agate!howland.reston.ans.net!swrinde!sdd.hp.com!hp-pcd!news!
dmunroe@ames.arpa
Subject: Did CB's used to require licenses?
To: info-hams@ucsd.edu

Freeman A. Kilpatrick <fkilpatr@afit.af.mil> wrote:

>I'm almost ashamed to admit it, but when I was about 10 (1975), I
>had a CB license and a little CB base station.

CB used to be licensed, but there was no test. As a pre-teen in the early 1960's, I remember walking home from school every day and carefully noticing all the different types of antennas people put up (how's that for being a nerd?). Through this, the closest I got to amateur radio was the use of a CB station run by a local church, KOX-0528, and building a tube AM transmitter in electronics class (I've still got it, and some spare 50C5's to boot).

I believe the licensing requirement was dropped during the CB craze of the 1970's.

By that time, I'd completely forgot about radio. Only in the last few months did I buy two CB HT's for the purpose of car-convoy communications in our sports car club. To say that I was dismayed to hear what CB has turned into is putting it mildly (is whistling into the mike *really* the way to call people, or is this a local phenomenon?). In fact, in the two months I've had these units, I've never talked to anyone, except for doing a simple distance-test with my father!

But I should point out that the only reason I've been lurking in this group for the past two weeks (and now going for a tech+ license) is because of the presence of hams in rec.radio.cb and my slow realization that there are people who take radio more seriously and can still have fun (incidentally, I thought Rob Bellville's idea of Ham Radio Bootcamp was great).

-Dave

Dave Munroe
dmunroe@vcd.hp.com

Hewlett-Packard
Vancouver, Washington

Date: 22 Jul 1994 23:40:22 GMT
From: ihnp4.ucsd.edu!news.cerf.net!mbv.saic.com!news.alpha.net!pacifier!
rainrgnews0!psgrain!charnel.ecst.csuchico.edu!olivea!korie1!news2me.EBay.Sun.COM!
engnews2.Eng.Sun.COM!usenet@network.ucsd.
Subject: Elmers, please read (Re: CW)
To: info-hams@ucsd.edu

In article <774838422.47snx@n2ayj.overleaf.com> n2ayj@n2ayj.overleaf.com (Stan
Olochwoszcz N2AYJ) writes:

>In article <940720095211_4@ccm.hf.intel.com> Cecil_A_Moore@ccm.CH.INTel.COM
writes:

>

>>maybe the ham community could just recommend against straight keys

>

>AAAARRRRGGGGHHHH!!! NO, NO, NO! If anything, we should be ENCOURAGING good

>fists on straight keys. What happens when the battery dies in the keyer?

Uh...put in a new one?

Rich

--

Rich McAllister (rfm@eng.sun.com)

Date: Mon, 25 Jul 1994 13:36:57 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!newsserver.jvnc.net!nntp.gmd.de!
urmel.informatik.rwth-aachen.de!newsserver.rrzn.uni-hannover.de!muster!pippi!
gk72@network.ucsd.edu
Subject: How to calc Locator code
To: info-hams@ucsd.edu

omebody told me that radio amateurs use some kind of "Locator Code"
which gives the geographical location of the sender. I know that this

code is easily computable from the location given in a map, but I can't remember the algorithm. Who can tell me (email please) how to calculate this code ?

Thanks.

--

Arthur Teschler	Si vous reussissez	
Universitaet Giessen	vous serez bientot couvert	
Institut fuer Med.Informatik	de gloire.	
Heinrich Buff Ring 44		
D-35392 Giessen		
Tel.: +49-641-702-4649	(First telegraphed sentence	
Fax.: +49-641-78788		1791)

Date: 26 Jul 1994 10:48:42 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!
europa.eng.gtefsd.com!news.umbc.edu!eff!news.duke.edu!godot.cc.duq.edu!
duq3.cc.duq.edu!SYJERRY@network.ucsd.edu
Subject: how to get a reciprocal license
To: info-hams@ucsd.edu

I will be going out of the country next month and would like to know how I can get a reciprocal license to operate in a foreign country. I will be going to the Philippines.

please email responses if possible
thanks in advance

jerry

Date: Mon, 25 Jul 1994 19:41:30 GMT
From: pacbell.com!sgiblab!cs.uoregon.edu!usenet.ee.pdx.edu!fastrac.llnl.gov!lll-winken.llnl.gov!overload.lbl.gov!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!newsfeed.ksu.ksu@ihnp4.ucsd.edu
Subject: Kenwood TS-520S
To: info-hams@ucsd.edu

Does anyone know how much a used Kenwood TS-520S HF rig is worth?

I am considering buying one and have little experiance with hf rigs.

If someone could share any experiences with that radio or give any suggestions

I would appreciate it very much!

Thanks,

Scott Sidener sidener@umr.edu N0WFL

Date: Tue, 26 Jul 1994 01:19:34 GMT
From: agate!howland.reston.ans.net!spool.mu.edu!news.cs.indiana.edu!
noose.ecn.purdue.edu!mozo.cc.purdue.edu!rain!mconner@ames.arpa
Subject: Lead-calcium batteries
To: info-hams@ucsd.edu

I picked up a 12V 7Ah lead-calcium battery the other day for a pretty good price and was wondering if there are any special considerations on charging/discharging them. The original use was apparently for hobby applications (R/C or model rocket), but I don't see why it shouldn't work OK for powering my HT (max. draw 1.5A).

According to the guy I bought it from, it can be charged by a car battery charger if put on trickle charge. Is this true? If not, what sort of charger do I need?

--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

Date: 26 Jul 1994 03:10:13 GMT
From: agate!howland.reston.ans.net!cs.utexas.edu!gerald@cc.utexas.edu!
astro.as.utexas.edu!oo7@ames.arpa
Subject: sock sizes
To: info-hams@ucsd.edu

wa2ise@netcom.com (Robert Casey) says:

>Subject: Re: Socks here ,, New "Q" signal QSS: color & size of your socks
>>

>>A good idea overall, but what if you have taken a hint from the other
>>ongoing thread in this group, and are DXing in the nude?

>Well how about "QSS N", where N is for no socks. or N for Nude? :-)

Is this what people mean when they say they are operating barefoot?

Derek "who says sock colors should match, anyway?" Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

Date: 26 Jul 1994 11:23:16 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!swrinde!
news.uh.edu!uuneo.neosoft.com!blkbox.COM!perry@network.ucsd.edu
Subject: xNOS for FreeBSD 1.1??
To: info-hams@ucsd.edu

I'm running FreeBSD 1.1 on my system and would like to run any of the
packet-compatible NOS versions so I can set up a packet PBBS. Has anyone
had any experience compiling JNOS or any of the similar NOS's in a
FreeBSD environment??

John Perry - KG5RG - perry@jpunix.com

Date: 26 Jul 94 08:43:29 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!EU.net!sun4nl!
ruuinf!ruunfs.fys.ruu.nl!faculty.chem.ruu.nl!besten@network.ucsd.edu
To: info-hams@ucsd.edu

References <30vo14\$s7b@news.iastate.edu>, <S0-PATU.94Jul25141133@stek14.oulu.fi>,
<311ivs\$g17@news4all.hacktic.nl>s.fys.ru
Subject : Re: Why is 1750Hz tone used in Europe?

zap@hacktic.nl (Archie Medes) writes:

>so-patu@stek14.oulu.fi (Timo Patana) writes:

>>BTW: i heard that there are also carrier-operated repeaters, at
>>least in Australia. I think it might cause problems, because of

>Even in Europe; Belgium, Germany, the Netherlands to name a few
>countries. But I haven't heard lots of QRM on them! Mostly as soon the
>carrier disappears, the relay falls of again.

>>all QRM on the air, the repeater would be "on" every now and then
>>even if nobody was trying to use it...thats why _some_ selective
>>calling is essential!

That's correct. In the 'old days' a repeater had to be activated
by a special signal, a tone. This was regulatory. Nowadays
the repeaters trigger on their squelch, just like the 'professional'
repeaters use(d) to do.

The fact that a tone was/is used, is to prevent the repeater being
opened unnecessary for whatever reason.

Ciao, Remco PA3FYM

End of Info-Hams Digest V94 #843
